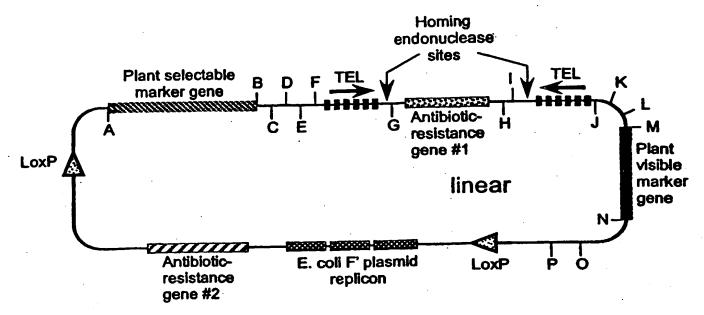
Figure 1



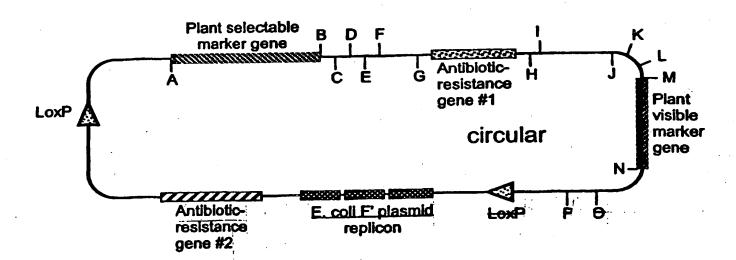
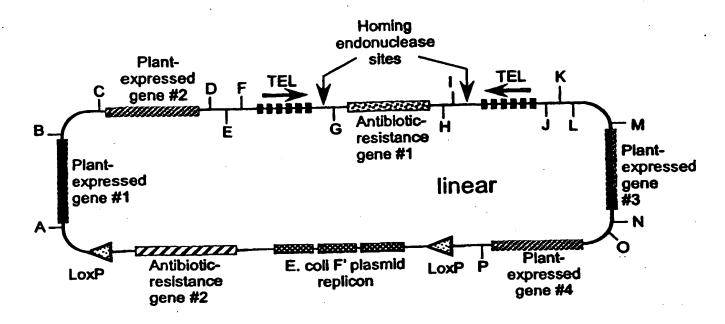


Figure 2



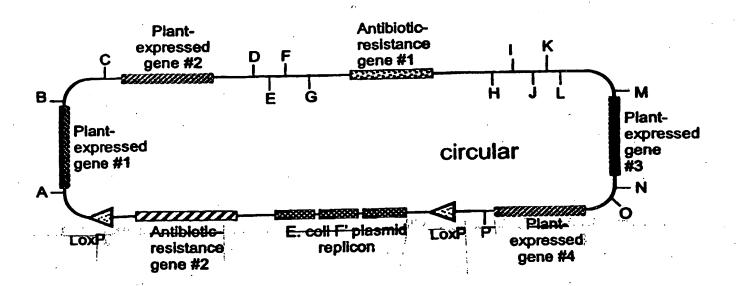


Figure 3

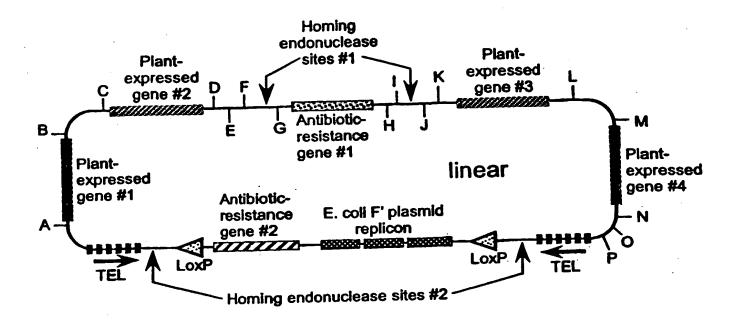


Figure 4 4/6 CEN G3 G4 G2 G1 A **G4** G3 G2 CEN G1 B CEN **G4** G3 G2 G1 TEL Stuffer 2 Stuffer 1 CEN G3 **G4** G1 G2 D TEL Stuffer 2 Stuffer 1 **G4** CEN G<sub>3</sub> G2 G<sub>1</sub> E Stuffer 2 Stuffer 1 CEN **G4** G3 G2 G1

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## Figure 5

04	BB5R4-1	ASCTTSATTTGGATACATAAAGTAGTGGAGAATCACCAGGAAGTTGAATAAA
05	BB5R4-1	AGCTTGATTTGGATACATAAAGTGGTGGAGAATCACCAGGAAGTTGAATAAA
05	BB280R2-3	ACCTTCATTTGGATACATAAAGTAGTGKAGAATCACCAGGAAGTTGAATAAA
04	BB5R4-1	TCTCATAGGAGTTAGGATGAAGAAGTTATCCCACTTTCAAATAAGGTGATCC
05	BB5R4-1	TCTCATAGGAGTTGGCATGAAGAAGTTATCCCMCTTTCAAATCAGGTGATTC
05	BB280R2-3	TCTCATAGGAGTTAGGATGAAGAAGTTATCCCACTTTCAAATAAGGTGATCC
04	BB5R4-1	CAGTTTYCCTGTTTGGGAATATKANAACTTHTTCGHCATTCTADTCAAACCAG
05	BB5R4-1	CAGTTTCCCAGTTTGGGAATAGCACAGCTTCTTCGTCGTTCCAATCAAACCAG
05	BB280R2-3	CAGTTTYCCTGTTTGGGAATATGACAACTTCTTCGTCATTCTAATCAAACCAG
04	BB5R4-1	GATGAATCGCGATGTAARARVCY
05	BB5R4-1	GATGAATCTCTTTGTAAGA
05	BB280R2-3	GATGAATCKYGATGTWAGA

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## Figure 6

CrGm1 CrGm2 SB12MC	1AAATTCAAAC	GACAATAACT	TTTMACWCGG30 TTTTACTCGG30 TTTKACTCGG30
CrGml CrGm2 SB12MC	31ATGTCYGATT	GAGTCCCGTA	ATATATCGAG60 ATATATCGAG60 RTATATCGAG60
CrGm1 CrGm2 SB12MC	61ACGCTCGAAA	TTGAATRYTG	GAAGCTCTCG AG92 -AAGCTCTGA GC92 -AAGCTCTRA GM92